

What is claimed is:

1. An aqueous liquid detergent composition comprising from 30% to 70% by weight of the total composition of water, and a surfactant mixture comprising :
 - an alkyl alkoxy sulphate surfactant, and
 - an amine oxide surfactant;
 said alkyl alkoxy sulphate surfactant comprising from 20% to 60%, by weight, of branched alkyl alkoxy sulphate surfactant.
2. A composition according to claim 1 which comprises from 40% to 60% by weight of water.
3. A composition according to the preceding claims wherein said alkyl alkoxy sulphate surfactant comprises from 20% to 55%, by weight, of said branched alkyl alkoxy sulphate surfactant.
4. A composition according to claim 3 wherein said alkyl alkoxy sulphate surfactant comprises from 30% to 50%, by weight, of said branched alkyl alkoxy sulphate surfactant.
5. A composition according to the preceding claims which comprises ~~magnesium~~ magnesium ions, in amounts of from 0.1% to 2% by weight of the total composition.
6. A composition according to the preceding claims wherein said alkyl alkoxy sulphate surfactant is of the formula $R_1O(A)_xSO_3M$, where R_1 is an alkyl or alkenyl group having 9 to 15 carbon atoms, A is an alkoxy group, preferably ethoxy or propoxy, most preferably ethoxy, n represents 0.5 to 7 of real number in average, and M is an alkali metal, alkali earth metal, ammonium group, or alkanolammonium group.

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A

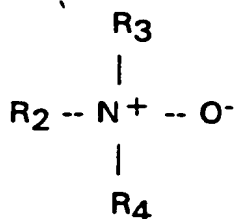
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7. A composition according to ~~the preceding claims~~ wherein said amine oxide surfactant is of the formula :



wherein R₂ represents a straight or branched alkyl or alkenyl group having 10 to 16 carbon atoms, and R₃ and R₄ represent a C₁ to C₄ hydrocarbon chain, preferably a methyl group or an ethyl group.

8. A composition according to ~~any of the preceding claims~~ which is a clear liquid, preferably packaged in a transparent container.

A method of washing dishes with a composition according to ~~any of the preceding claims~~, wherein 0.01ml to 150ml of said composition is diluted in 2000ml to 20000ml water, and the dishes are immersed in the diluted composition thus obtained and cleaned by contacting the soiled surface of the dish with a cloth, a sponge or a similar article.

A method of washing dishes, wherein the dishes are immersed in a water bath, an effective amount of a composition according to ~~any of claims 1-8~~ is absorbed onto a device, and the device with the absorbed composition is contacted individually to the surface of each of the soiled dishes.

11. The use, in a composition comprising from 50% to 75% by weight of the total composition of water, and a surfactant mixture of an alkyl alkoxy sulphate surfactant and an amine oxide surfactant, of a branched alkyl alkoxy sulphate surfactant constituting up to 60% of the total amount of alkyl alkoxy sulphate in said composition, to improve the physical stability of said composition at low temperatures.

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B₃

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